CALCIUM BY SM 18TH 3500-Ca D
EDTA TITRIMETRIC METHOD

Facility Name:_____VELAP ID_____

Assessor Name:_____Analyst Name:_____Inspection Date_____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst:_____ Sample ID: _____ Date of Sample Preparation:_____ Date of Analysis:_____					
(NOTE: Polluted waters and wastewater samples may be digested by SM 18th 3030E or SM 18th 3030I prior to analysis by this method.)	3500-Ca D.3.a				
Were hard waters (alkalinity > 300 mg $CaCO_3$/L) treated by first diluting OR by neutralizing the alkalinity with acid and then boiling for 1 minute prior to titrating?	3500-Ca D.3.b				
Was sufficient NaOH added to the sample to produce a pH of 12 to 13?	3500-Ca D.3.c				
Was EDTA titrant added slowly with continuous stirring?	3500-Ca D.3.c				
Were samples titrated immediately after adding the alkali (1N NaOH) and Indicator (Either Murexide or Eriochrome Blue Blanck R)?	3500-Ca D.3.b				
When Murexide was used as the indicator, were 1 or 2 excess drops of titrant added to make certain that ne further color change occurred?	3500-Ca D.3.c				
Notes/Comments:					